

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Multi-Signal Transmit Array with Low Intermodulation, the specification of which:

☒ is attached hereto. ☐ was filed on _____
as Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above, and that I believe the named inventor(s) to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought, and hereby acknowledge the duty to disclose information which is material to the examination of the application in accordance with § 1.56 (reprinted on the back) of Title 37 of the Code of Federal Regulations.

I also hereby state that no patent applications on this invention have previously been filed in countries foreign to the United States of America, except as follows:

| COUNTRY | APPLICATION NUMBER | DATE FILED (day, month, year) | PRIORITY CLAIMED UNDER 35 U.S.C. 119 | |
|---------|--------------------|----------------------------------|---|----------|
| | | | yes _____ | no _____ |
| | | | yes _____ | no _____ |
| | | | yes _____ | no _____ |

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|-----------------------------------|------------------------|---|
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status: patented, pending, abandoned) |
| _____ (Application Serial No.) | _____ (Filing Date) | _____ (Status: patented, pending, abandoned) |

I hereby appoint Richard S. Phillips (Reg. No. 17,314), Wm. A. VanSanten (Reg. No. 22,810), Jeffrey L. Clark (Reg. No. 29,141), John S. Mortimer (Reg. No. 30,407), F. William McLaughlin (Reg. No. 32,273), and Dean A. Monco (Reg. No. 30,091), each registered to practice before the United States Patent and Trademark Office and practicing as the firm of **WOOD, PHILLIPS, VAN SANTEN, CLARK & MORTIMER, 500 WEST MADISON STREET, SUITE 3800, CHICAGO, ILLINOIS 60661** (Telephone 312-876-1800), my attorneys with full power of substitution and revocation, to prosecute this application, to make alterations or amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the firm. All telephone inquiries may be directed to:

Dean A. Monco

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under

Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first Joint Inventor Paul W. Dent Citizenship Great Britain

Inventor's Signature Paul W. Dent Date 1 APRIL 1998

Residence 637 Eagle Point Road, Pittsboro, NC 27312

Post Office Address c/o Ericsson Inc., 7001 Development Drive, Research Triangle Park, NC 27709

Full name of second Joint Inventor, if any _____ Citizenship _____

Inventor's Signature _____ Date _____

Residence _____

Post Office Address _____

Full name of third Joint Inventor, if any _____ Citizenship _____

Inventor's Signature _____ Date _____

Residence _____

Post Office Address _____

Full name of fourth Joint Inventor, if any _____ Citizenship _____

Inventor's Signature _____ Date _____

Residence _____

Post Office Address _____

Full name of fifth Joint Inventor, if any _____ Citizenship _____

Inventor's Signature _____ Date _____

Residence _____

Post Office Address _____

ASSIGNMENT

Serial No. 09/055,490

Filed April 7, 1998

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to

ERICSSON INC.

its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled,

MULTI-SIGNAL TRANSMIT ARRAY WITH LOW INTERMODULATION

executed by the undersigned on the 1st day of April, 1998, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same should have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under

100-444444-100

the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

Paul W. Dent

Paul W. Dent

1 APRIL, 1998

STATE OF NORTH CAROLINA

COUNTY OF ~~DURHAM~~ wake

Before me, a Notary Public in and for the County and State aforesaid, appeared _____
PAUL W. DENT

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



Kristen Desimone

Notary Public

WOOD, PHILLIPS, VanSANTEN, CLARK & MORTIMER
500 West Madison Street, Suite 3800
Chicago, Illinois 60661-2511

**My Commission Expires
On March 4, 2003**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Paul W. Dent)

Serial No. 09/055,490)

Filed: 4/6/98)

For: **Multi-Signal Transmit Array with Low
Intermodulation**)

Attorney's Docket No. 4015-1813)

Examiner S. Nguyen
Group Art Unit 2664Commissioner for Patents
Washington, D.C. 20231

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**REVOCATION AND POWER OF ATTORNEY
WITH STATEMENT UNDER 37 CFR 3.73 (b)
AND CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

Ericsson Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Ericsson Inc. recorded in the Patent and Trademark Office at Reel 9183, Frame 0797. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Ericsson Inc. is the assignee of the entire right, title and interest in the U.S. patent application identified.

Ericsson Inc. hereby revokes all previous Powers of Attorney and appoints:

David E. Bennett, Reg. No. 32,194; Larry L. Coats, Reg. No. 25,620; John R. Owen, Reg. No. 42,055; David D. Kalish, Reg. No. 42,706; Taylor M. Davenport, Reg. No. 42,466; Edward H. Green III, Reg. No. 42,604; and Michael D. Murphy, Reg. No. 44,958, each registered to practice before the United States Patent and Trademark Office and practicing as the firm of **Coats & Bennett, P.L.L.C.**, and David K. Purks, Reg. No. 40,133; Stephen A. Calogero, Reg. No. 41,491; Kevin A. Sembrat, Reg. No. 36,673; Dennis J. Williamson, Reg. No. 32,338; Mark C. Terrano, Reg. No. 40,200; Jon Han, Reg. No. 41,403; Sidney Weatherford, Reg. No. 45,602; and Roger Burleigh, Reg. No. 40,542.

as its attorneys and/or agent with full power to handle all matters before the U.S. Patent and Trademark Office.

Please address all future correspondence to

Edward H. Green, III
Coats & Bennett, P.L.L.C.
1400 Crescent Green, Suite 300
Cary, North Carolina 27511

Please direct all telephone calls about this application and the resulting patent to:

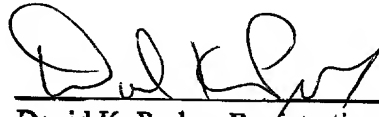
Edward H. Green, III
Telephone: (919) 854-1844

The undersigned is empowered to sign this statement on behalf of the assignee.

7/8/01

Date

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Fax: (919) 472-7449



David K. Purks, Registration No. 40,133
Assistant Secretary and Associate
General Patent Counsel